

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE  
 PENTRU OBTINEREA ATESTATULUI DE ABILITARE  
 ÎN DOMENIUL MATEMATICĂ

**Conf. univ. dr. Nicolae Popovici**

CITĂRI  
 în articole cu IF (JCR 2014)  $\geq 0,5$

Nr. Crt.	Revista și articolul în care a fost citat	f <sub>i</sub>
D. La Torre, N. Popovici: <i>Arcwise cone-quasiconvex multicriteria optimization</i> , Operations Research Letters, 38 (2010) (2), 143-146		
1	G. L. Yu: <i>Arcwise connected cone-quasiconvex set-valued mappings and Pareto reducibility in vector optimization</i> , Journal of Inequalities and Applications, 2015, 2015:317	0,773
2	U. Freiberg, D. La Torre, F. Mendivil: <i>Iterated Function Systems and stability of variational problems on self-similar objects</i> , Nonlinear Analysis: Real World Applications, 12 (2011) (2), 1123-1129	2,519
D. La Torre, N. Popovici, M. Rocca: <i>Scalar characterizations of weakly cone-convex and weakly cone-quasiconvex functions</i> , Nonlinear Analysis: Theory, Methods & Applications, 72 (2010) (3-4), 1909-1915		
3	G. L. Yu: <i>Arcwise connected cone-quasiconvex set-valued mappings and Pareto reducibility in vector optimization</i> , Journal of Inequalities and Applications, 2015, 2015:317	0,773
4	I. Kuwano: <i>Some minimax theorems of set-valued maps and their applications</i> , Nonlinear Analysis: Theory, Methods & Applications, 109 (2014), 85–102	1,327
5	E. Kiyani, M. Soleimani-damaneh, <i>Approximate proper efficiency on real linear vector spaces</i> , Pacific Journal of Optimization, 10 (2014) (4), 715-734	1,079
6	S. Khoshkhabar-amiranloo, M. Soleimani-damaneh: <i>Scalarization of set-valued optimization problems and variational inequalities in topological vector spaces</i> , Nonlinear Analysis: Theory, Methods & Applications, 75 (2012) (3), 1429–1440	1,327
7	U. Freiberg, D. La Torre, F. Mendivil: <i>Iterated Function Systems and stability of variational problems on self-similar objects</i> , Nonlinear Analysis: Real World Applications, 12 (2011) (2), 1123-1129	2,519
N. Popovici: <i>Involving the Helly number in Pareto reducibility</i> , Operations Research Letters, 36 (2008) (2), 173-176		

8	P. G. Georgiev, D. T. Luc, P. M. Pardalos: <i>Robust aspects of solutions in deterministic multiple objective linear programming</i> , European Journal of Operational Research, 229 (2013) (1), 29-36	2,358
N. Popovici: <i>Explicitly quasiconvex set-valued optimization</i> , Journal of Global Optimization, 38 (2007) (1), 103-118		
9	G. L. Yu: <i>Arcwise connected cone-quasiconvex set-valued mappings and Pareto reducibility in vector optimization</i> , Journal of Inequalities and Applications, 2015, 2015:317	0,773
10	I. Kuwano, T. Tanaka: <i>Continuity of cone-convex functions</i> , Optimization Letters, 6 (2012) (8), 1847-1853	0,934
11	Y. F. Chai, Y. J. Cho, J. Li: <i>Some characterizations of ideal points in vector optimization problems</i> , Journal of Inequalities and Applications, 2008, Art. ID 231845 (2008)	0,773
N. Popovici: <i>Structure of efficient sets in lexicographic quasiconvex multicriteria optimization</i> , Operations Research Letters, 34 (2006) (2), 142-148		
12	G. L. Yu: <i>Arcwise connected cone-quasiconvex set-valued mappings and Pareto reducibility in vector optimization</i> , Journal of Inequalities and Applications, 2015, 2015:317	0,773
13	X. B. Li, S. J. Li, Z. M. Fang: <i>A minimax theorem for vector-valued functions in lexicographic order</i> , Nonlinear Analysis: Theory, Methods & Applications, 73 (2010) (4), 1101-1108	1,327
N. Popovici: <i>Pareto reducible multicriteria optimization problems</i> , Optimization, 54 (2005) (3), 253-263		
14	G. L. Yu: <i>Arcwise connected cone-quasiconvex set-valued mappings and Pareto reducibility in vector optimization</i> , Journal of Inequalities and Applications, 2015, 2015:317	0,773
15	P. G. Georgiev, D. T. Luc, P. M. Pardalos: <i>Robust aspects of solutions in deterministic multiple objective linear programming</i> , European Journal of Operational Research, 229 (2013) (1), 29-36	2,358
16	M. Gardenghi, T. Gómez, F. Miguel, M. Wiecek: <i>Algebra of Efficient Sets for Multiobjective Complex Systems</i> , Journal of Optimization Theory and Applications, 149 (2011) (2), 385-410	1,509
17	A. Engau: <i>Tradeoff-based decomposition and decision-making in multiobjective programming</i> , European Journal of Operational Research, 199 (2009) (3), 883-891	2,358
18	A. Engau, M. Wiecek: <i>Interactive coordination of objective decompositions in multiobjective programming</i> , Management Science, 54 (2008) (7), 1350-1363	2,482
J. Benoist, J. M. Borwein, N. Popovici: <i>A characterization of quasiconvex vector-valued functions</i> , Proceedings of the American Mathematical Society, 131 (2003) (4), 1109-1113		

19	S. Drapeau, A. H. Hamel, M. Kupper: <i>Complete duality for quasiconvex and convex set-valued functions</i> , Set-Valued and Variational Analysis, published online 29 May 2015, DOI 10.1007/s11228-015-0332-9	1,379
20	M. Chinaie, J. Zafarani: <i>A new approach to constrained optimization via image space analysis</i> , Positivity, published online 29 May 2015, DOI 10.1007/s11117-015-0343-7	0,679
21	J. M. Borwein, Q. J. Zhu: <i>A variational approach to Lagrange multipliers</i> , Journal of Optimization Theory and Applications, published online 27 May 2015, DOI 10.1007/s10957-015-0756-2	1,509
22	G. L. Yu: <i>Arcwise connected cone-quasiconvex set-valued mappings and Pareto reducibility in vector optimization</i> , Journal of Inequalities and Applications, 2015, 2015:317	0,773
23	G. P. Crespi, A. H. Hamel, C. Schrage: <i>A Minty variational principle for set optimization</i> , Journal of Mathematical Analysis and Applications, 423 (2015) (1), 770-796	1,120
24	S. Suzuki, D. Kuroiwa: <i>Some constraint qualifications for quasiconvex vector-valued systems</i> , Journal of Global Optimization, 55 (2013) (3), 539-548	1,287
25	F. Flores-Bazan, E. Hernandez: <i>Optimality conditions for a unified vector optimization problem with not necessarily preordering relations</i> , Journal of Global Optimization, 56 (2013) (2), 299-315	1,287
26	M. Chinaie, J. Zafarani: <i>Image space analysis and scalarization for <math>\varepsilon</math>-optimization of multifunctions</i> , Journal of Optimization Theory and Applications, 157 (2013) (3), 685-695	1,509
27	F. Flores-Bazan, F. Lara: <i>Inner and outer estimates for solution sets and their asymptotic cones in vector optimization</i> , Optimization Letters, 6 (2012) (7), 1233-1249	0,934
28	M. Soleimani-damaneh: <i>Characterizations and applications of generalized invexity and monotonicity in Asplund spaces</i> , TOP, 20 (2012) (3), 592-613	0,831
29	J. Y. Bello Cruz, L. R. Lucambio Pérez, J. G. Melo: <i>Convergence of the projected gradient method for quasiconvex multiobjective optimization</i> , Nonlinear Analysis: Theory, Methods & Applications, 74 (2011) (16), 5268-5273	1,327
30	M. Soleimani-damaneh: <i>E-convexity and its generalizations</i> , International Journal of Computer Mathematics, 88 (2011) (16), 3335-3349	0,824
31	L. Nascimento, G. Riella: <i>A class of incomplete and ambiguity averse preferences</i> , Journal of Economic Theory, 146 (2011) (2), 728-750	1,033
32	G. P. Crespi, I. Ginchev, M. Rocca: <i>Minty variational principle for set-valued variational inequalities</i> , Pacific Journal of Optimization, 6 (2010) (1), 39-56	1,079
33	M. Chinaie, J. Zafarani: <i>Image space analysis and scalarization of multivalued optimization</i> , Journal of Optimization Theory and Applications, 142 (2009) (3), 451-467	1,509

34	I. Ginchev: <i>Vector optimization problems with quasiconvex constraints</i> , Journal of Global Optimization, 44 (2009) (1), 111-130	1,287
35	M. Soleimani-damaneh: <i>On generalized convexity in Asplund spaces</i> , Nonlinear Analysis: Theory, Methods & Applications, 70 (2009) (9), 3072-3075	1,327
36	T. Jabarootian, J. Zafarani: <i>Characterizations of preinvex and prequasiinvex set-valued maps</i> , Taiwanese Journal of Mathematics, 13 (2009) (3), 871-898	0,621
37	G. P. Crespi, I. Ginchev, M. Rocca: <i>Some remarks on the Minty vector variational principle</i> , Journal of Mathematical Analysis and Applications, 345 (2008) (1), 165-175	1,120
38	M. Soleimani-damaneh: <i>Characterization of nonsmooth quasiconvex and pseudoconvex functions</i> , Journal of Mathematical Analysis and Applications, 330 (2007) (2), 1387-1392	1,120
39	G. P. Crespi, I. Ginchev, M. Rocca: <i>Increasing-along-rays property for vector functions</i> , Journal of Nonlinear and Convex Analysis, 7 (2006) (1), 39-50	0,655
J. Benoist, N. Popovici: <i>Between quasi-convex and convex set-valued maps</i> , Applied Mathematics Letters, 17 (2004) (3), 245-247		
40	M. Soleimani-damaneh: <i>Characterizations and applications of generalized invexity and monotonicity in Asplund spaces</i> , TOP, 20 (2012) (3), 592-613	0,831
41	M. Soleimani-damaneh: <i>On generalized convexity in Asplund spaces</i> , Nonlinear Analysis: Theory, Methods & Appl., 70 (2009) (9), 3072-3075	1,327
42	M. Soleimani-damaneh: <i>Characterization of nonsmooth quasiconvex and pseudoconvex functions</i> , Journal of Mathematical Analysis and Applications, 330 (2007) (2), 1387-1392	1,120
J. Benoist, N. Popovici: <i>Characterizations of convex and quasiconvex set-valued maps</i> , Mathematical Methods of Operations Research, 57 (2003) (3), 427-435		
43	M. Chinaie, J. Zafarani: <i>A new approach to constrained optimization via image space analysis</i> , Positivity, published online 29 May 2015, DOI 10.1007/s11117-015-0343-7	0,679
44	S. Drapeau, A. H. Hamel, M. Kupper: <i>Complete duality for quasiconvex and convex set-valued functions</i> , Set-Valued and Variational Analysis, published online 29 May 2015, DOI 10.1007/s11228-015-0332-9	1,379
45	G. P. Crespi, D. Kuroiwa, M. Rocca: <i>Quasiconvexity of set-valued maps assures well-posedness of robust vector optimization</i> , Annals of Operations Research, published online 21 Feb 2015, DOI: 10.1007/s10479-015-1813-9	1,217
46	G. L. Yu: <i>Arcwise connected cone-quasiconvex set-valued mappings and Pareto reducibility in vector optimization</i> , Journal of Inequalities and Applications, 2015, 2015:317	0,773
47	G. P. Crespi, A. H. Hamel, C. Schrage: <i>A Minty variational principle for set optimization</i> , Journal of Mathematical Analysis and Applications, 423 (2015) (1), 770-796	1,120

48	G. P. Crespi, D. Kuroiwa, M. Rocca: <i>Convexity and global well-posedness in set-optimization</i> , Taiwanese Journal of Mathematics, 18 (2014) (6), 1897-1908	0,621
49	P. K. Tinh, D. Kim: <i>On generalized Fenchel-Moreau theorem and second-order characterization for convex vector functions</i> , Fixed Point Theory and Applications, 2013, Article Nr. 328 (2013)	2,503
50	M. Oveisih, J. Zafarani: <i>Super efficient solutions for set-valued maps</i> , Optimization, 62 (2013) (6), 817-834	0,936
51	M. Chinaie, J. Zafarani: <i>Image space analysis and scalarization for <math>\varepsilon</math>-optimization of multifunctions</i> , Journal of Optimization Theory and Applications, 157 (2013) (3), 685-695	1,509
52	X. X. Huang, J. C. Yao: <i>Characterizations of the nonemptiness and compactness for solution sets of convex set-valued optimization problems</i> , Journal of Global Optimization, 55 (2013) (3), 611-626	1,287
53	N. T. Phan, D. S. Kim: <i>Convex vector functions and some applications</i> , Journal of Nonlinear and Convex Analysis, 14 (2013) (1), 139-161	0,655
54	C. Gutiérrez, E. Miglierina, E. Molho, V. Novo: <i>Pointwise well-posedness in set optimization with cone proper sets</i> , Nonlinear Analysis: Theory, Methods & Applications, 75 (2012) (4), 1822–1833	1,327
55	G. Eichfelder: <i>Cone-valued maps in optimization</i> , Applicable Analysis, 91 (2012) (10), 1831-1846	0,803
56	G. P. Crespi, I. Ginchev, M. Rocca: <i>Minty variational principle for set-valued variational inequalities</i> , Pacific Journal of Optimization, 6 (2010) (1), 39-56	1,079
57	M. Chinaie, J. Zafarani: <i>Image space analysis and scalarization of multivalued optimization</i> , Journal of Optimization Theory and Applications, 142 (2009) (3), 451-467	1,509
58	T. Jabarootian, J. Zafarani: <i>Characterizations of preinvex and prequasiinvex set-valued maps</i> , Taiwanese Journal of Mathematics, 13 (2009) (3), 871-898	0,621
59	A. Takeda, S. Taguchi, R. H. Tütüncü: <i>Adjustable robust optimization models for a nonlinear two-period system</i> . Journal of Optimization Theory and Applications, 136 (2008) (2), 275-295	1,509
J. Benoist, N. Popovici: <i>Generalized convex set-valued maps</i> , Journal of Mathematical Analysis and Applications, 288 (2003) (1), 161-166		
60	H. Leiva, N. Merentes, K. Nikodem, J. L. Sanchez: <i>Strongly convex set-valued maps</i> , Journal of Global Optimization, 57 (2013) (3), 695-705	1,287
61	M. Oveisih, J. Zafarani: <i>Super efficient solutions for set-valued maps</i> , Optimization, 62 (2013) (6), 817-834	0,936
62	T. Jabarootian, J. Zafarani: <i>Characterizations of preinvex and prequasiinvex set-valued maps</i> , Taiwanese Journal of Mathematics, 13 (2009) (3), 871-898	0,621

J. Benoist, N. Popovici: <i>Contractibility of the efficient frontier of three-dimensional simply-shaded sets</i> , Journal of Optimization Theory and Applications, 111 (2001) (1), 81-116		
63	B. Donato, M. Milasi, C. Vitanza: <i>Variational problem, generalized convexity, and application to a competitive equilibrium problem</i> , Numerical Functional Analysis and Optimization, 35 (2014) (7-9), 962-983	0,591
64	A. Daniilidis, Y. Garcia Ramos: <i>Some remarks on the class of continuous (semi-) strictly quasiconvex functions</i> , Journal of Optimization Theory and Applications, 133 (2007) (1), 37-48	1,509
65	N. Q. Huy, N. D. Yen: <i>Contractibility of the solution sets in strictly quasiconcave vector maximization on noncompact domains</i> , Journal of Optimization Theory and Applications, 124 (2005) (3), 615-635	1,509
66	J. Benoist: <i>Contractibility of efficient frontier of simply shaded sets</i> , Journal of Global Optimization, 25 (2003) (3), 321-335	1,287
J. Benoist, N. Popovici: <i>The structure of the efficient frontier of finite dimensional completely-shaded sets</i> , Journal of Mathematical Analysis and Applications, 250 (2000) (1), 98-117		
67	E. Miglierina, E. Molho: <i>Sectionwise connected sets in vector optimization</i> , Operations Research Letters, 37 (2009) (4), 295-298	0,617
68	N. Q. Huy, N. D. Yen: <i>Contractibility of the solution sets in strictly quasiconcave vector maximization on noncompact domains</i> , Journal of Optimization Theory and Applications, 124 (2005) (3), 615-635	1,509
69	J. Benoist: <i>Contractibility of efficient frontier of simply shaded sets</i> , Journal of Global Optimization, 25 (2003) (3), 321-335	1,287
70	J. Benoist: <i>Contractibility of the efficient set in strictly quasiconcave vector maximization</i> , Journal of Optimization Theory and Applications, 110 (2001) (2), 325-336	1,509
N. Popovici: <i>Sur l'approximation des ensembles d'efficience</i> , Revue d'Analyse Numérique et de Théorie de l'Approximation, 27 (1998) (2), 321-329		
71	S. Ruzika, M. M. Wiecek: <i>Approximation methods in multiobjective programming</i> , Journal of Optimization Theory and Applications, 126 (2005) (3), 473-501	1,509

**Număr total citări: C = 71**

**Data:**

30 decembrie 2015

Conf. univ. dr. Nicolae Popovici